the hind wings. On the under side the wings are gray or pale wood-brown, with greenish-blue at their base and a profusion of small black spots margined with white. Now and then the black spots are lost, the white margins spreading inwardly and usurping the place of the black. Expanse, .95-1.10 inch.

Early Stages.—These await further study.

The species ranges from British Columbia to Colorado.

(9) Lycsena pheres, Boisduval, Plate XXX, Fig. 37, $; Fig. 42, ?, *under side* (Pheres).

Butterfly.—The male is pale shining blue above, with dusky borders. The female is dusky, with a little blue at the base of the wings on the same side. Below, the spots on the fore wings are strongly defined; on the hind wings they are white on a pale stone-gray ground. Expanse, 1.20 inch.

Early Stages.—We know no more of these than we do of those of the preceding species.

Pheres has nearly the same range as *scepiolus.*

(10) Lycsena xerxes, Boisduval, Plate XXX, Fig. 43, $, *under side* (Xerxes).

Butterfly.—The wings in both sexes are dusky above, shot with blue, more widely in the male than in the female. On the under side the wings are dark stone-color, with all the spots on both wings white, very rarely slightly pupiled with blackish. Expanse, 1.25 inch.

Early Stages.—Unknown.

The species is found in central California.

(n) Lycsena antiacis, Boisduval, Plate XXX, Fig. 35, <J, *under side;* Fig. 36, $; Fig. 41, ? (The Eyed Blue).

Butterfly.—On the upper side the male is pale lilac-blue, the female dusky, heavily marked with blue at the base of the wings. On the under side the wings are deep, warm stone-gray. There is a single quite regular band of large-sized black spots on the fore wing beyond the middle, and a triply festooned curved band of similar spots on the hind wing. These spots are all margined With white. Expanse, 1.15-1.25 inch.

Early Stages.—These await description.

The insect is found in California.

(12) Lycaena couperi, Grote, Plate XXX, Fig. 34, 3, *under side* (Cooper's Blue).

Butterfly.—The wings of the male above are pale shining blue,